

CLAIMS

1. A 22K gold alloy comprising:

5 silver: 2 –6% (and preferably 2-5%)

cobalt: 0.1 to 2% (and preferably 0.1 – 1%)

10 boron (optional) up to 0.5%

copper: 0.33% - 8.40%.

2. The composition of claim 1 in which the silver content is less than 5%.

15 3. The composition of claim 1 in which the cobalt content is less than 2%.

4. The composition of claim 2 in which the cobalt content is less than 2%.

20 5. A master alloy for combining with gold, comprising:

silver: 32 –96%

cobalt: 1.6-32.00%

25 boron (optional) up to 8%

copper: : 5.28 – 66.40%.

30 6. A method of making a 22K gold alloy comprising combining gold with the master alloy of claim 5.

7. The alloy of claim 1 in the form of a jewelry casting, a stamping, a wire or a sheet.

35 8. The alloy of claim 1 fabricated into a decorative article.

9. The master alloy of claim 5 for combining with gold to produce a 22k alloy.

10. The alloy of claim 5 in which the silver content is less than 80%.

40 11. The alloy of claim 5 in which cobalt is less than 16.00%.

12. The alloy of claim 10 in which cobalt is less than 16.00%.